

Appl. No. 10/728,225

Amdt. Dated December 7, 2004

Reply to Office Action of October 8, 2004

AMENDMENTS TO THE SPECIFICATION

Please replace the following paragraph 18 with the following newly amended paragraph:

[0018] The macro-particle size can be considered in conjunction with the shape of the macro-particle. For instance, smooth-surfaced, orb-shaped macro-particles can be a few microns in size or, alternatively, can be single-atom solids that can, in whichever size, work together to substantially mimic the behavior of liquid. In such case, the macro-particles can also be single-atom solids. Many macro-particles inherently have small van der Waals forces that may cause them to be attracted to each other, thus a stirring mechanism is preferably employed to aid in preventing clumping (described in further detail below). Macro-particles that may have a more fractured surface or that may not be orb-shaped may be larger in size. For certain mass dampers, it may be desirable to include a mixture of macro-particles having several different macro-particle sizes. Examples of such types of macro-particles include ground graphite, vacuum-sputtered metals, or polished ceramic powder, and any other known type of mixture of macro-particles having different sizes.